



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Schlage Lock Company**  
6810 Hillsdale Court  
Indianapolis, IN 46250

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** SteelCraft H Series Single Flush Outswing Commercial Steel Door (Mortise Lock w/lead bolt)

**APPROVAL DOCUMENT:** Drawing No 776W-2 Rev J, titled "Steelcraft H series Single Door (outswing)", sheets 1 through 9 of 9, prepared by the manufacturer, dated 05-01-02 and last revised on 09/23/15, signed and sealed by Thomas Gordon, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large Missile Impact Resistant

**Limitations:**

1. See Design pressure (w/ Std or SS lock strike options) in sheet 1 of the drawings.
2. Doors are Not Rated for Water infiltration requirements or Fire ratings, to be reviewed by Building official.
3. Non-grouted 2" face header will require head anchors per sheets 5 & 6. Grouted 4" header with in 88" max O.A. frame height will not require header anchors.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Cincinnati, Ohio and Series and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #13-1217.12 and consists of this page 1 and evidence pages E-1, E-2 & E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 15-0427.05  
Expiration Date: February 24, 2017  
Approval Date: October 15, 2015  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's parts and sections drawings (Submitted under files listed below).
2. Drawing No **776W-2 Rev J**, titled "Steelcraft H series Single Door (outswing)", sheets 1 through 9 of 9, prepared by the manufacturer, dated 05-01-02 and last revised on 09/23/15, signed and sealed by Thomas Gordon, signed and sealed by Thomas Gordon, P.E.

**B. TESTS (Submitted under files #13-1217.12/#11-0921.11/ #10-1206.01 /#09-0929.04)**

1. Test report on

- 1) Air Infiltration Test, per TAS 202-94
- 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
- 3) Large Missile Impact Test per FBC, TAS 201-94
- 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- 5) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of Single Steel doors w/ Stainless steel continuous Hinges & modified Hat stiffeners, marked by Certified Testing Lab, Test Reports No(s). **CTLA-3045W** dated February 16, 2015, signed and sealed by Ramesh Patel, P.E.

2. Test report on

- 1) Air Infiltration Test, per TAS 202-94
- 2) Uniform Static Air Pressure Test, Loading per TAS 202-94
- 3) Large Missile Impact Test per FBC, TAS 201-94
- 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- 5) Forced Entry Test, per PA 202-94

Along with manufacturer's parts and section drawings of double outswing steel doors w/CVC panic exit and Peep hole, marked by Element Material Technology, Test Reports No(s). **ESP011623P** dated May 14, 2013, signed and sealed by Jason Sheen, P.E.

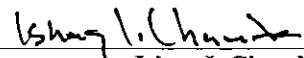
3. Test report on

- 1) Air Infiltration Test, per TAS 202-94
- 2) Water Resistance Test per FBC TAS 202-94(Not conducted)
- 3) Uniform Static Air Pressure Test, Loading per TAS 202-94
- 3) Large Missile Impact Test per FBC, TAS 201-94
- 4) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- 5) Forced Entry Test, per PA 202-94

along with manufacturer's parts and section drawings of Single flush Inswing / Outswing steel doors, marked by Certified Testing Lab, Test Reports No(s). **CTLA-776W -2 & CTLA-776W -3** both dated June 07, 2002, both signed and sealed by Ramesh Patel, P.E.

Note: Test report No. **CTLA-776W -2** has been issued an addendum letter dated 12/03/09, issued by Certified Testing Lab, signed and sealed by Ramesh Patel, P.E.

3. Additional Reference test reports per CTLA 776W-1 and CTLA 1035W-2 for anchor options qualifications.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No. 15-0427.05

Expiration Date: February 24, 2017

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**C. CALCULATIONS:**

1. Anchor verification calculation and analysis dated 09/23/15, prepared, signed & sealed by Thomas Gordon, P.E.
2. Hinge Load Evaluation report dated 01/04/04, prepared, signed & sealed by Thomas Gordon, P.E. (submitted under #09-0929.04)

**D. QUALITY ASSURANCE BY**

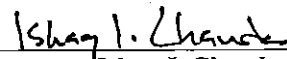
1. Miami Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS (#13-1217.12/#11-0921.11/ #10-1206.01 /#09-0929.04)**

1. Tensile test report # CTLA-776W (0194H), dated 02/25/02 prepared by CTL Architectural Division, sheet samples, tested per ASTM E8, signed & sealed by Ramesh Patel, P.E.
2. Test Report No. **3094867SAT-001**, April 13, 2006, issued by Intertek for "Surface Burning Characteristics of Building material" per ASTM E84 and self-Ignition per ASTM1929D for "EPS", issued to Falcon Foam, a Div. of Atlas Roofing, re-named as "ATLAS EPS".
3. Tensile Test report No. A103W1-Test 1, 2 & 3 dated 23 APR 03 per ASTM E-8 for steel face sheet, prepared by Certified Testing laboratory, signed and sealed by Ramesh Patel, P.E.
4. Test Report No. **16206-122543 (1015P200(3))**, dated November 29, 2004 for "Surface Burning Characteristics of Building material" per ASTM E84 and self-Ignition per ASTM1929D for "Polyisocyanurate" issued by Omega Point Lab, Inc. to Elliot Company, Indianapolis, IN.
5. Material Safety Data Sheet for "Pyrophoric core PSL P250-C60" manufactured by Pyrophobic System LTD, Canada.
6. Material Safety Data sheet for "Calcium Silicate Mineral Block" manufactured by Marshfield Door System Inc., Wisconsin.

**F. STATEMENTS:** Except items #1, all the balanced other items submitted under files listed above.

1. Letter of conformance to FBC 2014 (5<sup>th</sup> Edition), dated 09/23/15, prepared, signed and sealed by Gordon Thomas, P.E.
2. Letter of conformance to FBC 2010, dated 08/03/14, prepared, signed and sealed by Gordon Thomas, P.E.
3. Ingersoll-Rand press release, dated 12/10/12, integrating the brands of Ingersoll-Rand and Schlage among others.
4. Department of State Certification of Reinstatement for **SCHLAGE LOCK COMPANY, LLC** as a limited liability company, active and organized under the laws of the State of Florida, dated 03/17/06 and filed with the Secretary of State
5. Certification of Formation dated 12-08-2003 of Schlage Lock Company, LLC, issued by Secretary of State of Delaware.
6. Statement letter dated Nov. 26, 2013 issued by Ingersoll-Rand for name change, signed by Jim Donlan, Compliance Engineer.
7. Letter of conformance to FBC 2007 & 2010 "No financial interest" dated 09/30/11, signed and sealed by Gordon Thomas, P.E.



Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No. 15-0427.05

Expiration Date: February 24, 2017  
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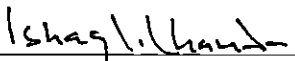
**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS (continue):**

8. Laboratory Statement of compliance, part of the above referenced test reports.
9. Addendum letter dated Jan 20, 2011, issued by Certified Testing Lab confirming testing of Alum continuous hinges w/ marked-up drawings, signed and sealed by Ramesh Patel, P.E.
10. Addendum letter dated DEC 19, 2011, issued by Certified Testing Lab verifying wire anchors, strength of grout, stud anchor, Strike plate and MA series Mortise Lock, supplemented w/ marked-up drawings, signed and sealed by Ramesh Patel, P.E.

**G. OTHER (Except items #1, all other items submitted under files listed above)**

1. This NOA revises NOA #12-1317.12, expiring on 02/24/17.
2. Test proposal # 14-1086 dated AUG 29, 2014 approved by RER.
3. Test proposal dated 12/03/09 for continuous hinges & SS strike plate, approved by BCCO.
4. Additional marked-up drawings provided as part of addendum letters by Certified Testing laboratory, Inc.
5. Photo of Stainless Steel Strike plate supplied by Ingersoll-Rand.
6. Schlage & Falcon Mortise Locks brochures / catalogs supplied by Ingersoll-Rand.
7. Technical brochures of butt Hinges & continuous Hinges supplied by Ingersoll-Rand.

  
Ishaq I. Chanda, P.E.

Product Control Examiner  
NOA No. 15-0427.05

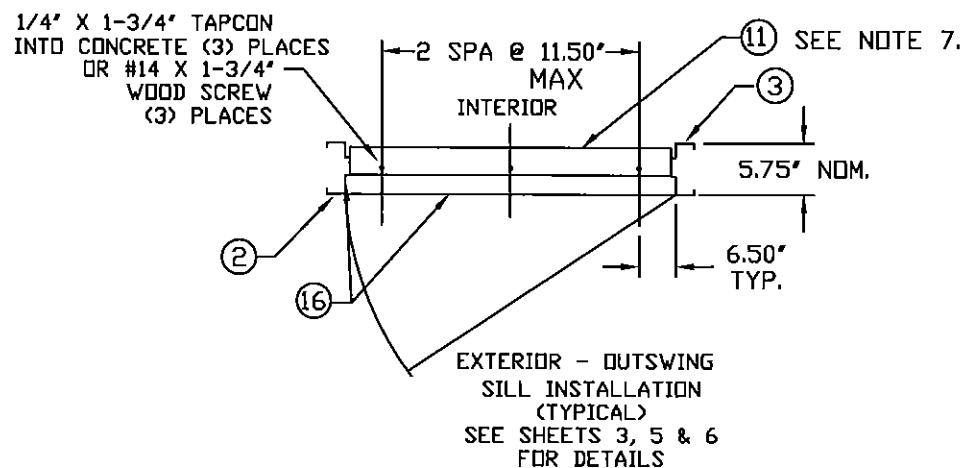
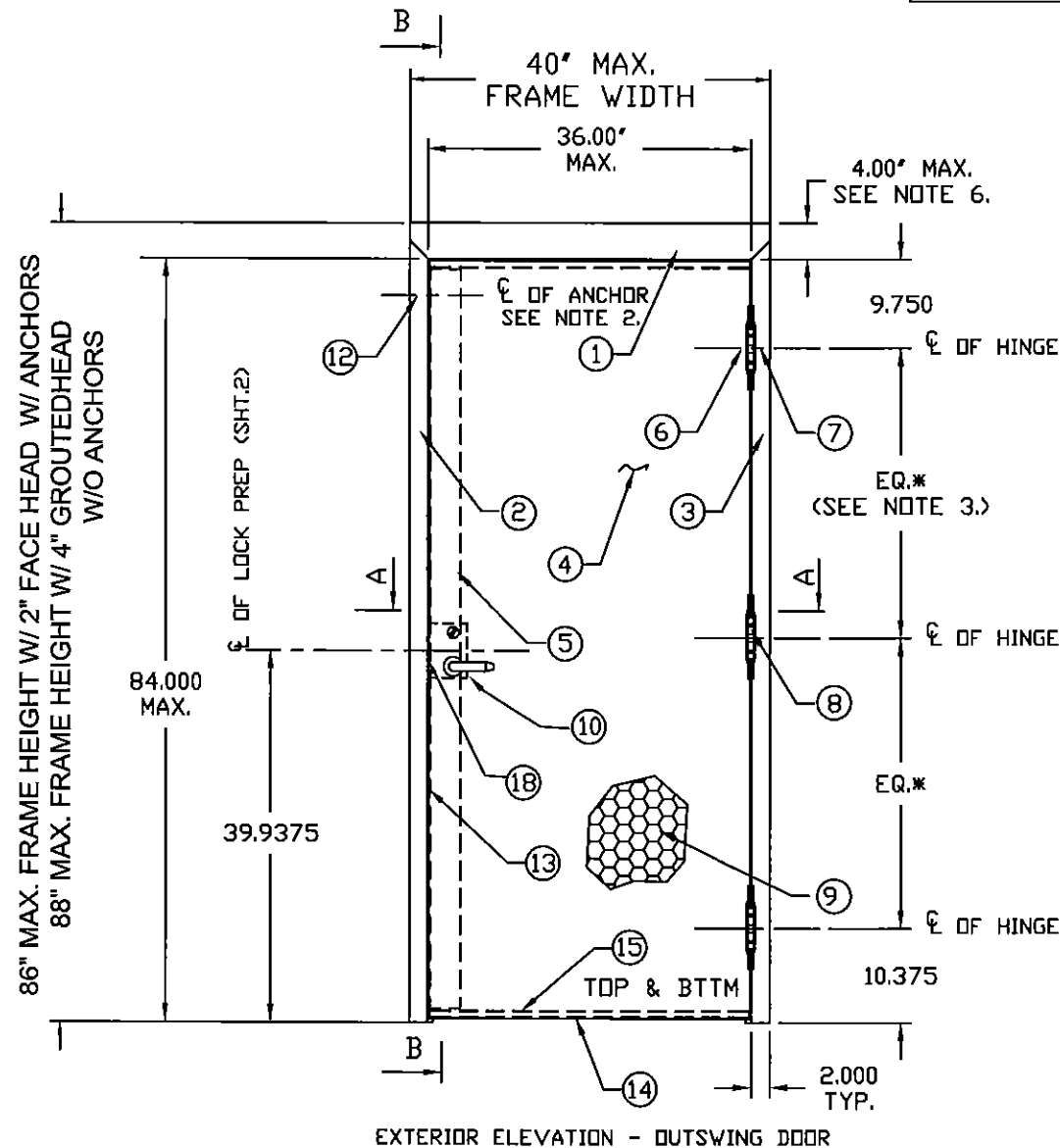
Expiration Date: February 24, 2017  
Approval Date: October 15, 2015

GENERAL NOTES:  
1. THESE PRODUCTS HAVE BEEN TESTED TO HVHZ PROTOCOLS TAS201, 202, & 203-94 AND COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.  
2. THE DOORS ARE LARGE MISSILE IMPACTED  
3. DISSIMILAR MATERIAL IN CONTACT SHALL MEET FBC REQUIREMENTS.

DESIGN PRESSURE RATING (OUTSWING DOOR)			IMPACT RATING
LOCK/STRIKE PLATE OPTION	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED*	
STANDARD	NOT APPROVED	+120 PSF / -120 PSF	
STAINLESS STEEL SS 304 OR 306 FY MIN= 31.2 KSI	NOT APPROVED	+170 PSF / -170 PSF	

\*Water infiltration resistance is not required when Door assemblies installed in non-habitable areas where the door assembly and area are designed to accept water infiltration, or if protected by overhang with ratio Length/Height equal or greater than 1.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/25/03	
F	REVISED PER DC BCCD	01/07/11	
G	REVISED PER DCBCCD	01/17/12	
H	REVISED NAME	11/01/13	
J	REVISED	05/05/15	

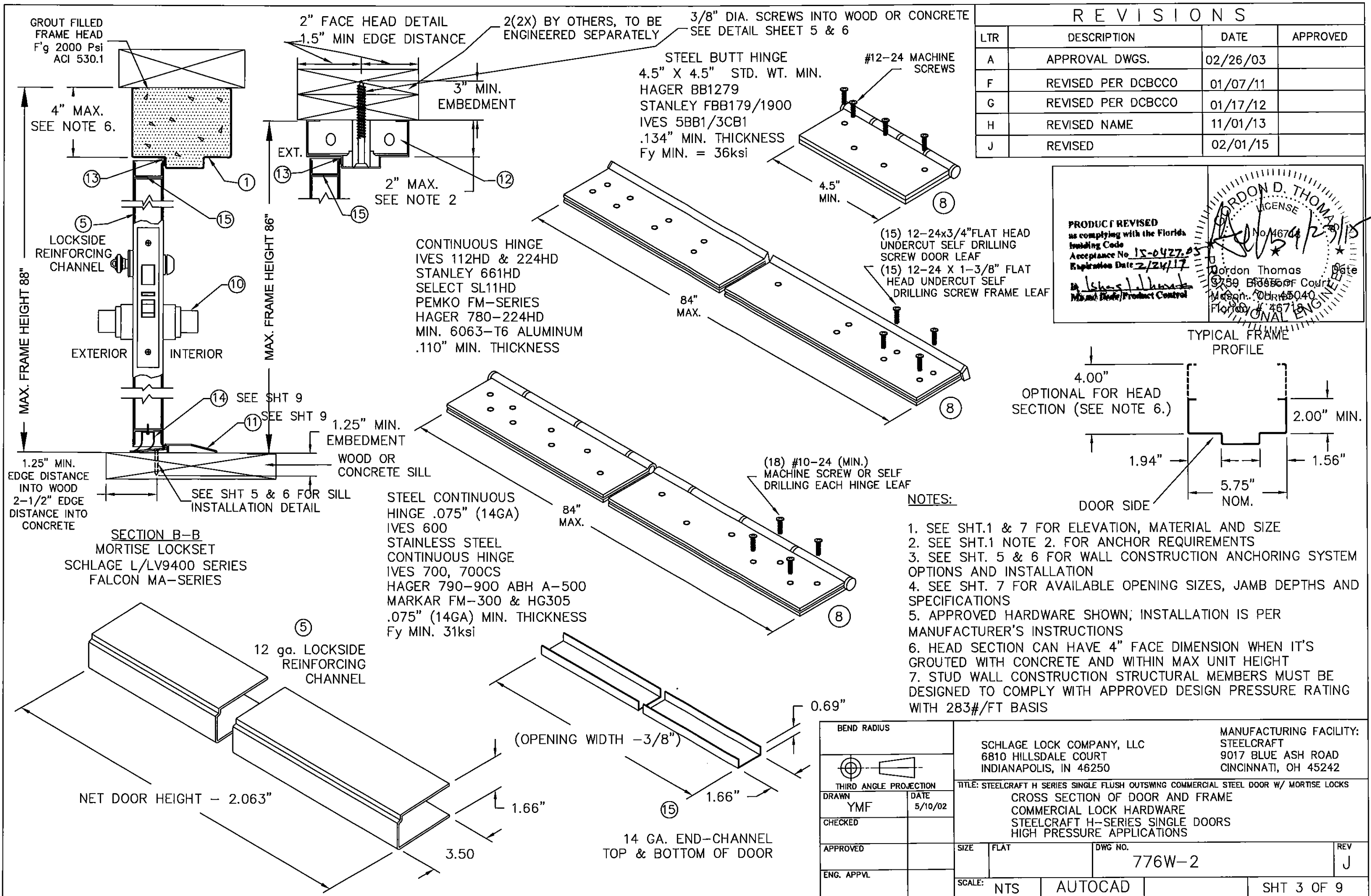


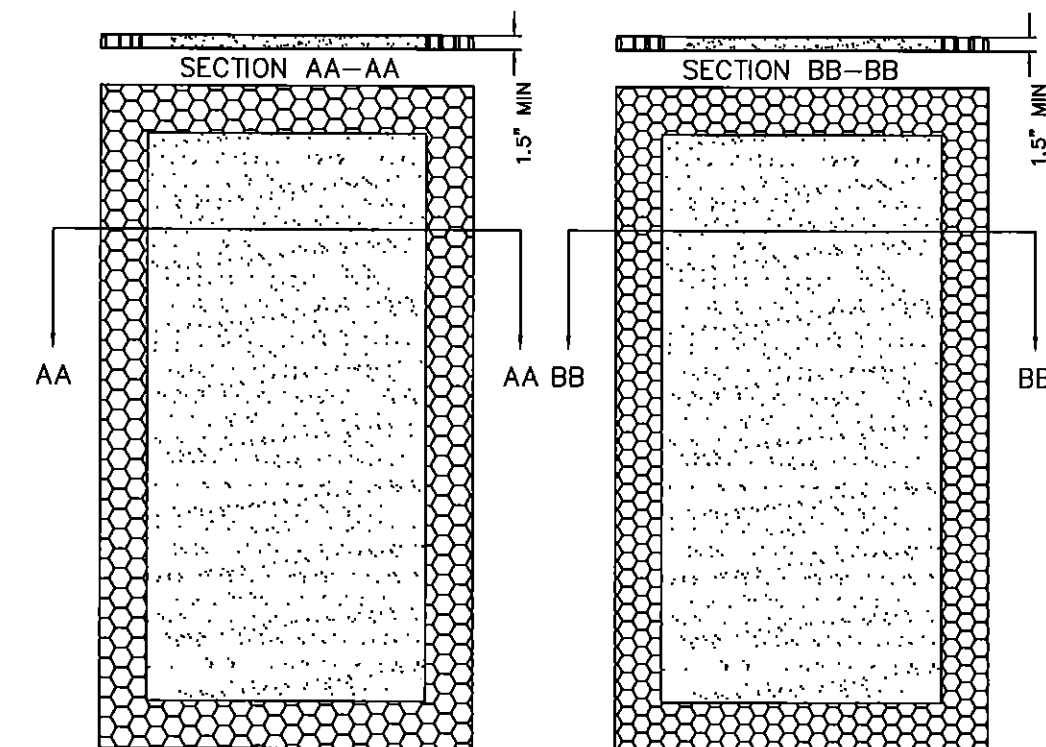
- NOTES:  
1. ONE ROW OF PS074 WEATHERSTRIPPING PER JAMB AND HEAD. INSTALL PER SHEET 8  
2. ANCHORING REQUIREMENTS: SEE SHEETS 1, 5 AND 6 FOR APPROVED ANCHOR AND INSTALLATION REQUIREMENTS.  
3. HINGE REQUIREMENTS: MINIMUM (3) HINGES LOCATIONS: 9.75' FROM RABBIT IN HEAD TO CL OF TOP HINGE, 10.38 FROM FLOOR TO CL OF BOTTOM HINGE, EQUALLY SPACED IN BETWEEN OR (1) CONTINUOUS HINGE  
4. SEE SHEET 7 FOR AVAILABLE STANDARD DOOR / FRAME CONFIGURATIONS.  
5. HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.  
6. 4' FACE HEAD IS AVAILABLE WHEN FRAME IS GROUTED WITH CONCRETE, TO MAX FRAME HEIGHT SHOWN.  
7. APPLY CAULK AS NEEDED.  
8. PRODUCT IS NOT APPROVED WHERE WATER INFILTRATION REQUIREMENT IS NEEDED

ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE
1	1	HEAD SEE SHT 3 & 8, ASTM A366	.053" MIN. STL	MAX. 40"
2	1	STRIKE JAMB, SEE SHT 8, ASTM A366	.053" MIN. STL	MAX. 86"-88"
3	1	HINGE JAMB SEE SHT 8, ASTM A366	.053" MIN. STL	MAX. 86"-88"
4	1	DOOR SLAB	SEE SHT 7	3'0" (36") X 7'0" (84") MAX.
5	1	LOCK SIDE REINFORCEMENT CHANNEL	.099" MIN. STL	3.5" X 81.44" MAX.
6	NOTE 3.	HINGE REINFORCEMENT DOOR ASTM A621	.167" MIN. STL.	1.23" X 9.19"
7	NOTE 3.	HINGE REINFORCEMENT FRAME ASTM A621	.167" MIN. STL.	1.28" X 9.19"
8	NOTE 3.	4.5' X 4.5' BUTT HINGES (SEE SHT.3)	.134 MIN.	(4) #12-24 MS PER HINGE
		OPTIONAL CONTINUOUS HINGE (SEE SHT.3)	.075" MIN. STL / .11 ALUM.	MAX. 84"
9	1	CORE MATERIAL: D) HONEYCOMB C) STEEL STIFFENED A&F) POLYSTYRENE B&F) POLYURETHANE E) MINERAL BOARD TEMPERATURE RISE CORE	SEE SHEET 4	35.66' X 81.5' MAX.
10	1	LOCKING HARDWARE - LOCKSET 1) SCHLAGE L/LV9400 SERIES MORTISE LOCK W/DEADBOLT 2) FALCON MA-SERIES MORTISE LOCK W/ DEADBOLT	SEE SHEET 2	
11	1	THRESHOLD SILL W/BUMPER GASKET, SHT.9 1) PEMKO 2005AS 3) ZERO 566A 2) NAT'L GUARD 950A	.125" ALUM. 6063 T5 .078" ALUM. 6063 T5	5.5' X 0.5' X 36' MAX
12	NOTE 2.	JAMB ANCHOR (LOCK-IN OR WELD-IN) MIN 18 GA	SEE SHTS. 5&6	
13	3	PS074 WEATHER STRIPPING, SHEET 9	TPE	MAX. 21'
14	1	FAS-SEAL DOOR SWEEP, SHEET 9	TPE	MAX. 35.66"
15	2	END CHANNEL ASTM A924 (14 GAGE)	.070" MIN. STL	.69' X 1.66' X 35.66' MAX.
16	AS NEEDED	BUTYL RUBBER OR 100% SILICONE		
17	1	TOP CAP GALV. A60 ASTM A924 (24 GAGE)	.020" MIN. STL	0.5' X 1.76' X 36' MAX
18	1	STRIKE REINFORCEMENT FRAME ASTM A366	.053" MIN. STL	1.31' X 8.38"
19	1	IVES 698/U698 VIEWER	BRASS	

	BEND RADIUS	SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242		
	THIRD ANGLE PROJECTION	TITLE STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS				
	DRAWN YMF	DATE 5/01/02	STEELCRAFT H SERIES SINGLE DOOR (OUTSWING) WITH MORTISE LOCK HIGH PRESSURE APPLICATIONS			
	CHECKED		SIZE	FLAT	DWG NO. 776W-2	REV J
APPROVED				SCALE: NTS	AUTOCAD	
ENG. APPVL				SHEET 1 OF 9		

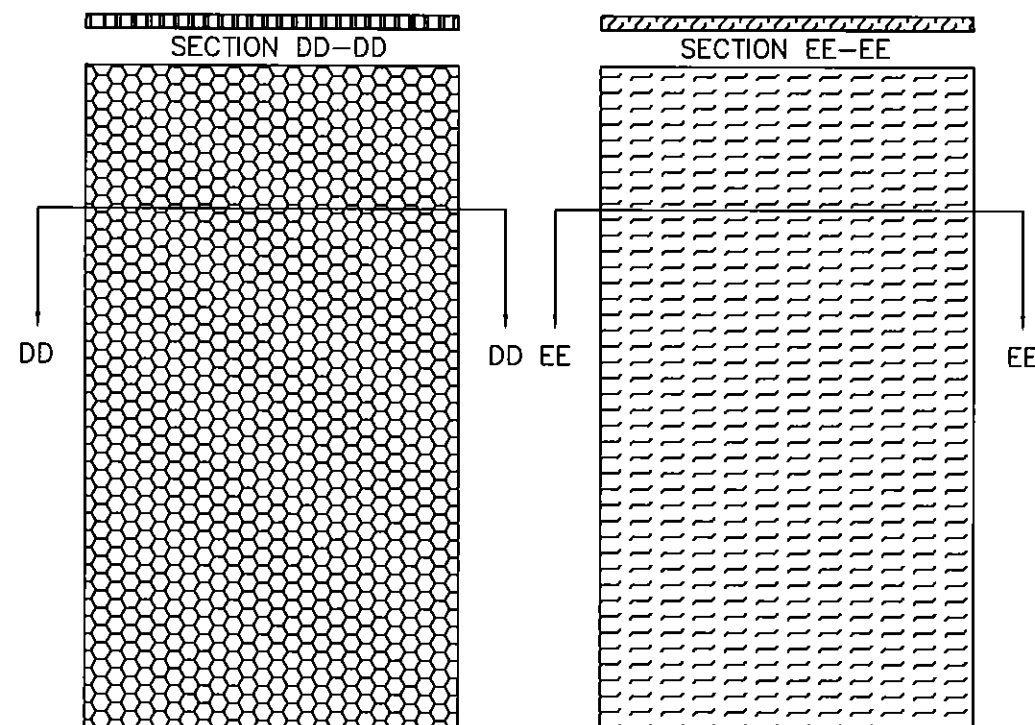






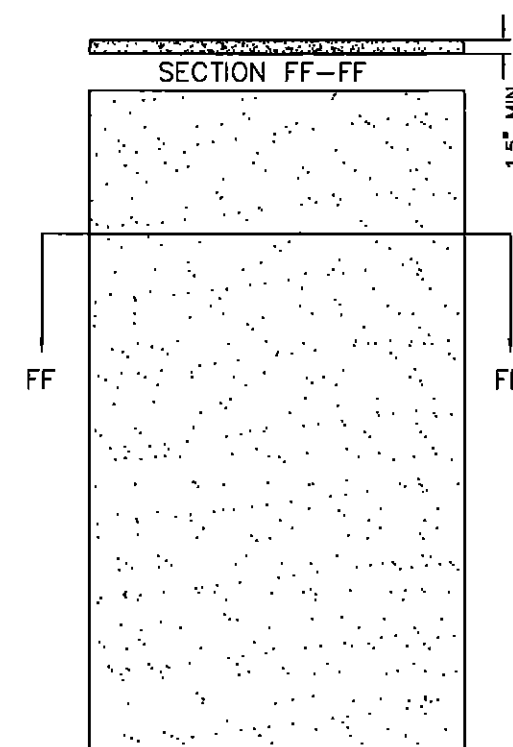
(A) EXPANDED POLYSTYRENE FOAM  
BY ATLAS EPS  
DENSITY: 1.0 LBS/FT<sup>3</sup>

(B) POLYISOCYANURATE  
(POLYURETHANE)  
BY ELLIOT CO. OF  
INDIANAPOLIS, IN  
DENSITY: 2 LBS/FT<sup>3</sup>

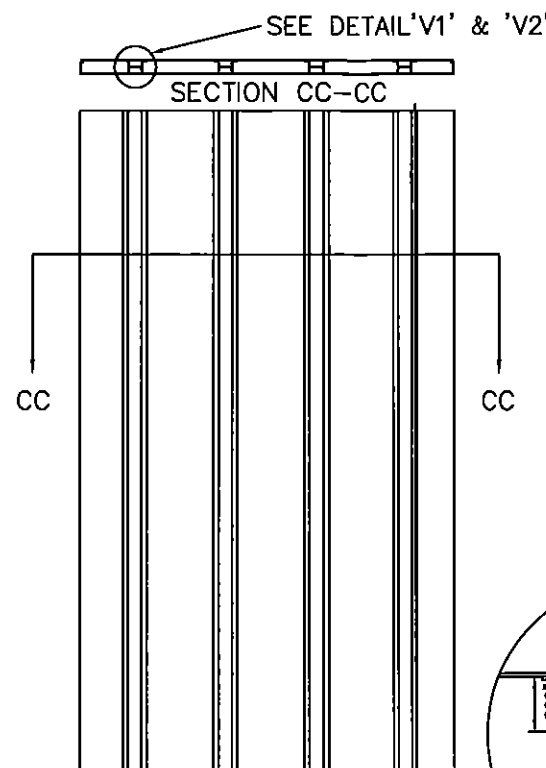


(D) HONEYCOMB  
KRAFT PAPER.

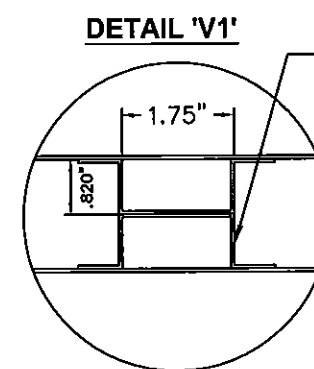
(E) TEMPERATURE RISE CORE  
MINERAL FIBER BOARD  
DENSITY: 17±1.5 LBS/FT<sup>3</sup>  
BY PYROPHOBIC SYSTEM LTD  
PYROPHOBIC PSL-P250C-60 OR  
MARSHFIELD DOOR SYSTEMS  
CALCIUM SILICATE MINERAL CORE



(F) EXPANDED POLYSTYRENE FOAM  
BY ATLAS EPS, DENSITY: 1.0 LB/FT<sup>3</sup>  
OR POLYISOCYANURATE  
(POLYURETHANE)  
BY ELLIOT CO. OF INDIANAPOLIS, IN  
DENSITY: 2 LBS/FT<sup>3</sup>

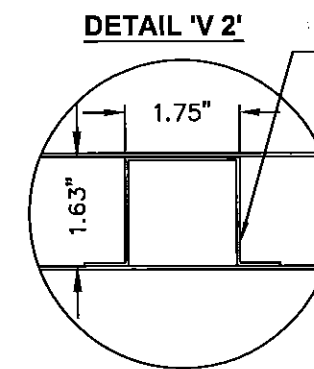


(C) STEEL STIFFENED  
HAT SHAPED SECTIONS  
20 GA. MIN.



SECTION CC-CC

20GA. HAT SHAPED  
STIFFENERS SPOTWELDED  
6" O.C. TO INSIDE OF  
FACE SHEETS AND  
WELDED TOGETHER  
AT TOP AND BOTTOM



SECTION CC-CC

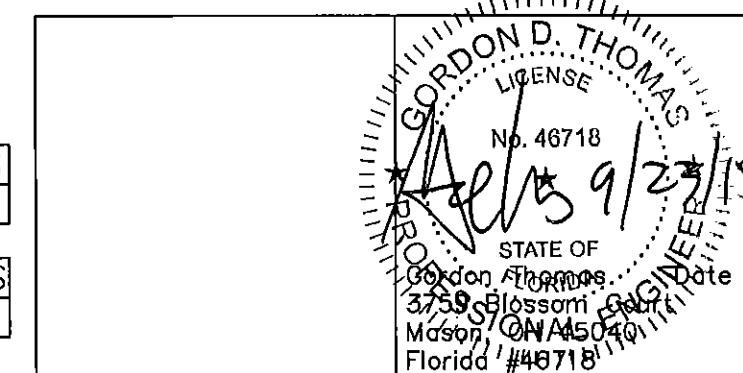
20GA. HAT SHAPED  
STIFFENERS SPOTWELDED  
6" O.C. TO INSIDE OF  
ONE FACE SHEET  
AND BONDED TO THE  
OTHER FACE

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0427.05  
Expiration Date 2/24/17  
By: *Ishag L. Lhank*  
Manufacture Product Control

NOTE:  
CORE MATERIAL SHOWN  
WITHOUT HARDWARE REINFORCEMENTS

DOOR WIDTH	'V1' STIFFENERS
3'-0"	8

DOOR WIDTH	'V2' STIFFENERS
3'-0"	4

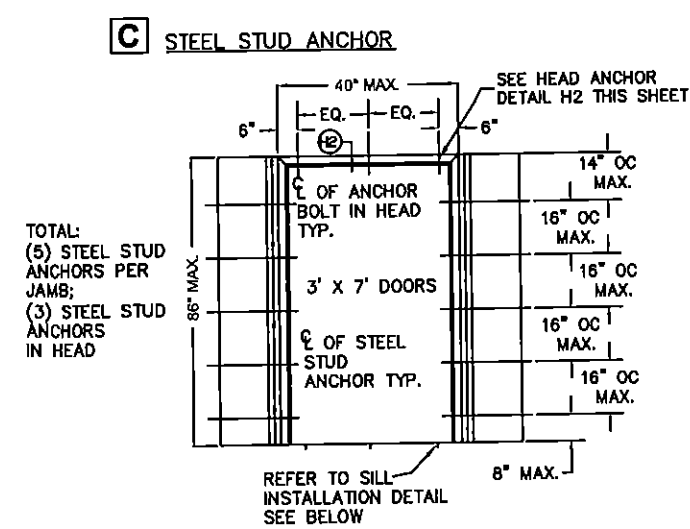


BEND RADIUS	
	THIRD ANGLE PROJECTION
DRAWN YMF	DATE 5/01/02
CHECKED	
APPROVED	
ENG. APPVL	

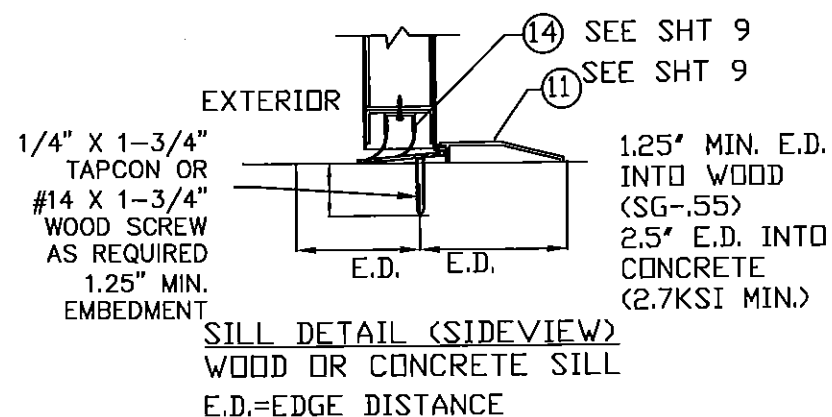
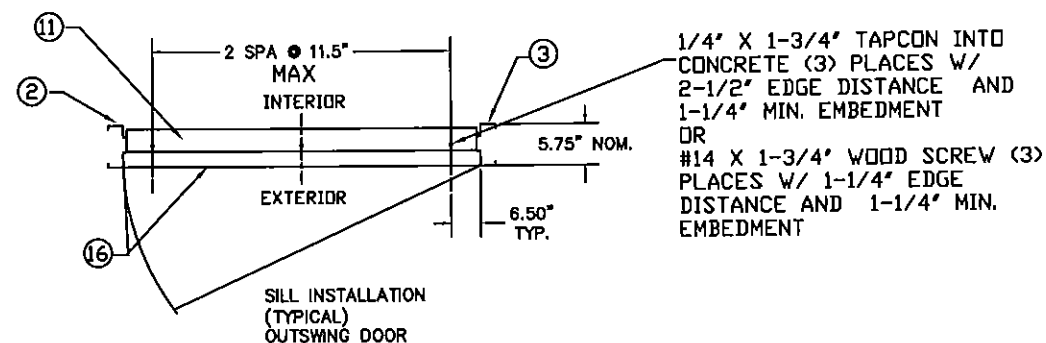
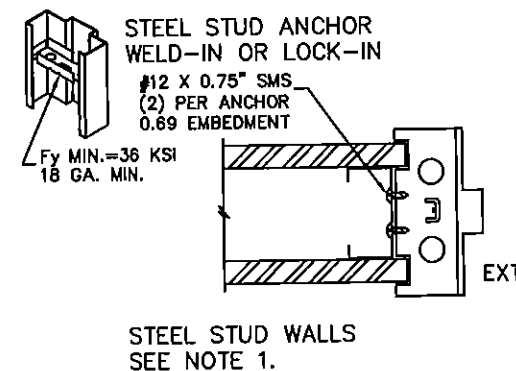
SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250			MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS  DOOR CORE MATERIAL OPTIONS				
SIZE	FLAT	DWG NO.	776W-2	REV K
SCALE:	NTS	AUTOCAD	SHT 4 OF 9	

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS	02/26/03	
C	REVISED PER DC BCCO	07/02/04	
D	REVISED PER DC BCCO	01/14/10	
E	REVISED PER DC BCCO	01/14/10	
F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DC BCCO	01/17/12	
H	REVISED NAME	11/01/13	
J	REVISED	02/01/15	
K	REVISED	05/05/15	



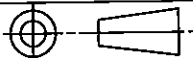


R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/26/03	
D	REVISED PER DC BCCD	08/31/04	
E	REVISED PER DC BCCD	01/14/10	
F	REVISED PER DC BCCD	01/07/11	
G	REVISED PER DC BCCD	01/17/12	
H	REVISED NAME	11/01/13	
J	REVISED	02/01/15	
K	REVISED	05/05/15	

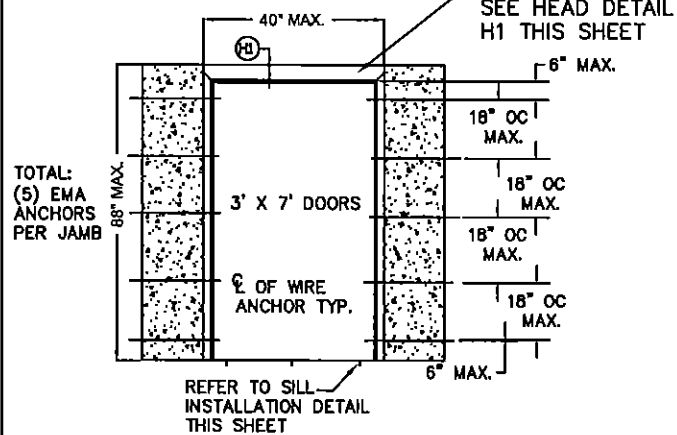


**PRODUCT REVISED**  
 no complying with the Florida  
 Building Code  
 Acceptance No 15-0427.05  
 Expiration Date 2/24/17  
 By Sheryl Chan  
 Master Code Product Control

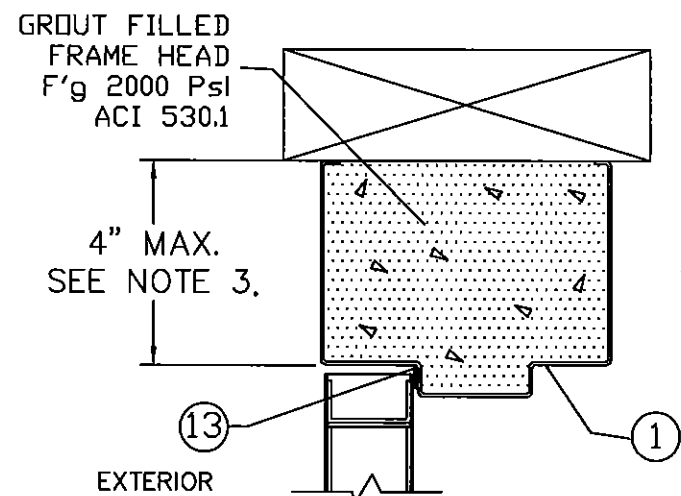
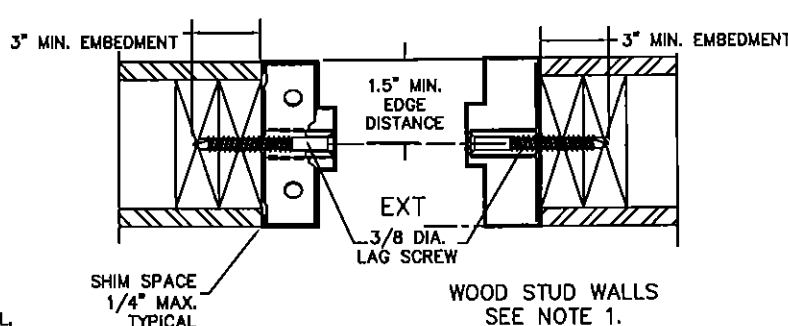
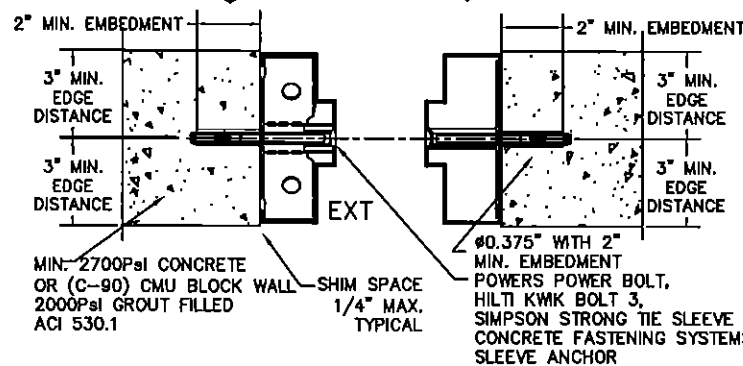
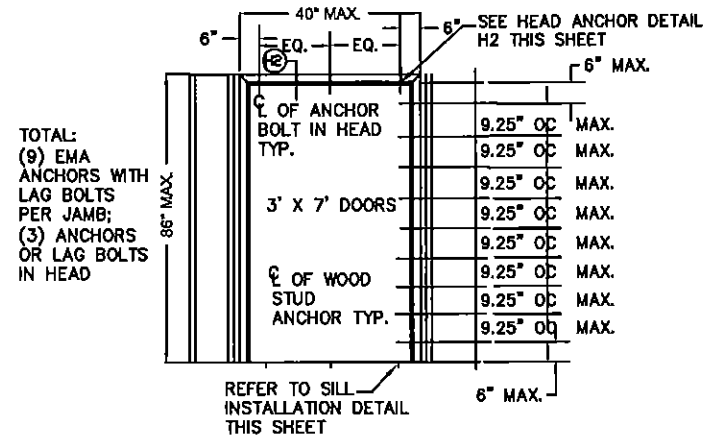
- NOTES:
1. STUD WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING WITH 283#/FT BASIS
  2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
  3. HEAD SECTION CAN HAVE 4" FACE DIMENSION WHEN IT'S GROUTED FULL. 2" FACE HEAD WITHOUT GROUT REQUIRES (3) EXPANSION OR LAG BOLTS IN HEAD 6" FROM EACH JAMB AND EQUALLY SPACED.
  4. ELEVATIONS SHOWN FROM EXTERIOR FOR OUTSWING APPLICATIONS.

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
		TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS			
DRAWN YMF	DATE 5/01/02	ANCHOR DETAILS / MOUNTING CONDITIONS			
CHECKED					
APPROVED		SIZE	FLAT	DWG NO. 776W-2	REV K
ENG. APPVL		SCALE:	NTS	AUTOCAD	SHT 5 OF 9

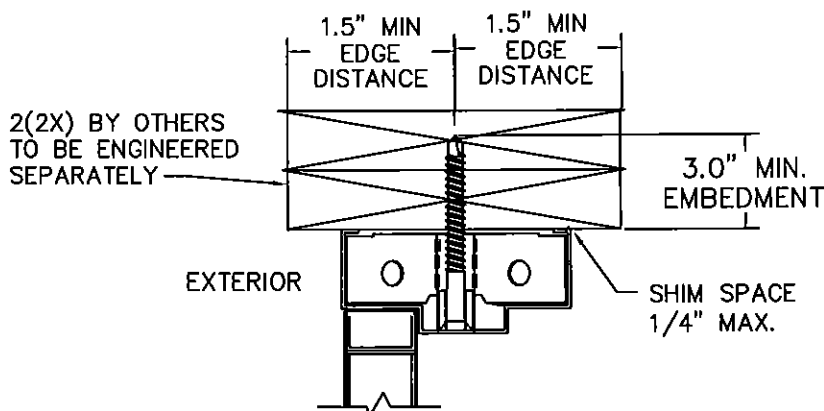
**D** EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU  
IF 4" FACE HEAD F'g=2000Psi MIN. GROUT REQUIRED SEE NOTE 3  
SEE HEAD DETAIL H1 THIS SHEET



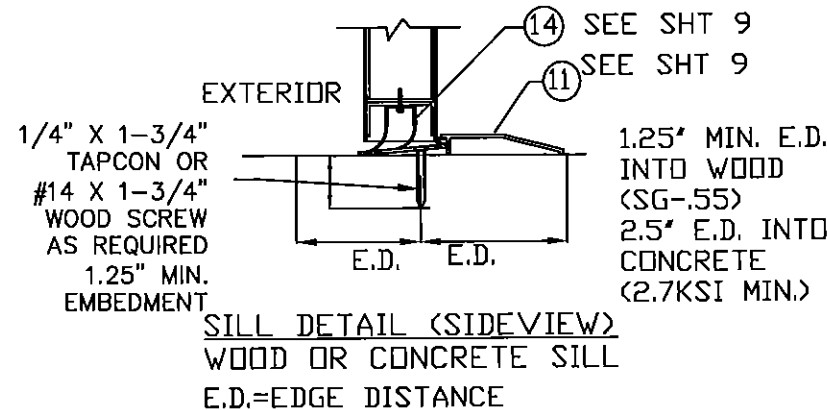
**E** EXISTING MASONRY ANCHOR (EMA) WITH LAG SCREW INTO WOOD STUD WALL



HEAD WITHOUT ANCHOR DETAIL (H1)



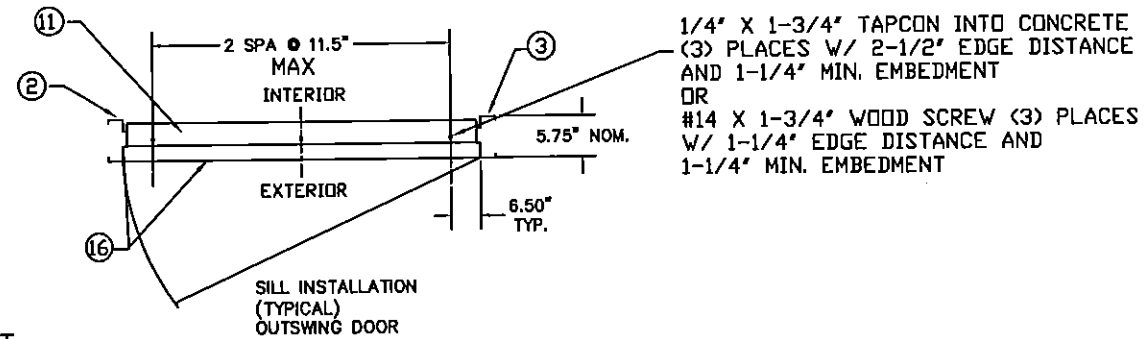
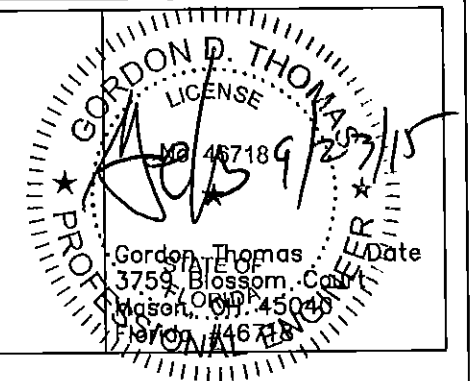
HEAD ANCHOR DETAIL (H2)



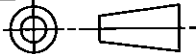
SILL DETAIL (SIDEVIEW)  
WOOD OR CONCRETE SILL  
E.D.=EDGE DISTANCE

R E V I S I O N S			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWGS.	02/26/03	
D	REVISED PER DC BCCD	08/31/04	
E	REVISED PER DC BCCD	01/14/10	
F	REVISED PER DC BCCD	01/07/11	
G	REVISED PER DC BCCD	01/17/12	
H	REVISED NAME	11/01/13	
J	REVISED	02/01/15	
K	REVISED	05/05/15	

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0427-05  
Expiration Date 2/24/17  
M. Shagel, General  
Manager Product Control



- NOTES:
1. STUD WALL CONSTRUCTION STRUCTURAL MEMBERS MUST BE DESIGNED TO COMPLY WITH APPROVED DESIGN PRESSURE RATING WITH 283#/FT BASIS
  2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.
  3. HEAD SECTION CAN HAVE 4" FACE DIMENSION WHEN IT'S GROUTED FULL. 2" FACE HEAD WITHOUT GROUT REQUIRES (3) EXPANSION OR LAG BOLTS IN HEAD 6" FROM EACH JAMB AND EQUALLY SPACED.
  4. ELEVATIONS SHOWN FROM EXTERIOR FOR OUTSWING APPLICATIONS.

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
					
THIRD ANGLE PROJECTION					
DRAWN YMF	DATE 5/01/02	TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS			
CHECKED		ANCHOR DETAILS / MOUNTING CONDITIONS			
APPROVED		SIZE	FLAT	DWG NO. 776W-2	REV K
ENG. APPVL		SCALE: NTS	AUTOCAD	SHT 6 OF 9	

AVAILABLE STEELCRAFT DOOR CONFIGURATIONS  
TABLE 1. (SEE NOTE 1.)

STEELCRAFT H SERIES DOOR TYPE	CORE MATERIAL PER SHT.4	MAXIMUM OPENING SIZE		SKIN MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
FLUSH	HONEYCOMB POLYSTYRENE POLYURETHANE	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
STEEL STIFFENED	STEEL STIFFENED	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
TEMPERATURE RISE CORE	MINERAL FIBER	3'0"	7'0"	CRS GALV	16/.053" 14/.067"
EMBOSSED PANELS	POLYSTYRENE/ HONEYCOMB	3'0"	7'0"	GALV	16/.053"

AVAILABLE STEELCRAFT FRAME CONFIGURATIONS  
TABLE 2. (SEE NOTE 2.)

STEELCRAFT FRAME SERIES	JAMB DEPTH	MAXIMUM OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" NOM.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067" 12/.093"
MU	5.75" NOM.	3'0"	7'0"	CRS/HRS GALV	16/.053" 14/.067"

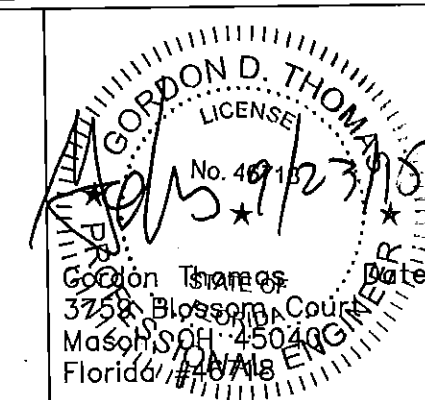
TABLE 3. STEEL DOOR/FRAME MECHANICAL PROPERTIES.

MATERIAL	ASTM REF.	DOOR		FRAME	
		YIELD KSI	TENSILE KSI	YIELD KSI	TENSILE KSI
CRS	ASTM A366	44.7 MIN.	50.2 MIN.	31.1 MIN.	41.5 MIN.
HRS	ASTM A1011	44.7 MIN.	50.2 MIN.	31.1 MIN.	41.5 MIN.
GALV: A60	ASTM A924	44.7 MIN.	50.2 MIN.	31.1 MIN.	41.5 MIN.

# REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
C	REVISED FOR SUBMITTAL	07/02/04	
D	REVISED FOR SUBMITTAL	08/31/04	
E	REVISED PER DC BCCO	01/14/10	
F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DC BCCO	01/17/12	
H	REVISED NAME	11/01/13	
J	REVISED	02/01/15	
K	REVISED	05/05/15	

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 15-0427-05  
Expiration Date 2/24/17  
By: [Signature]  
Maxwell Product Control

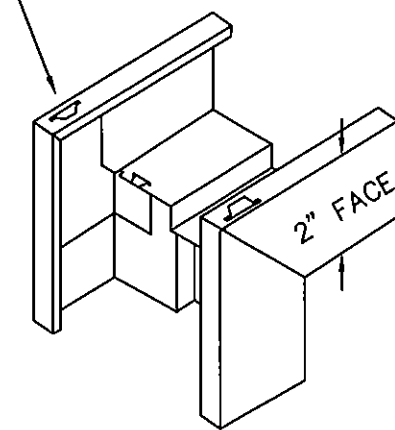


## NOTES:

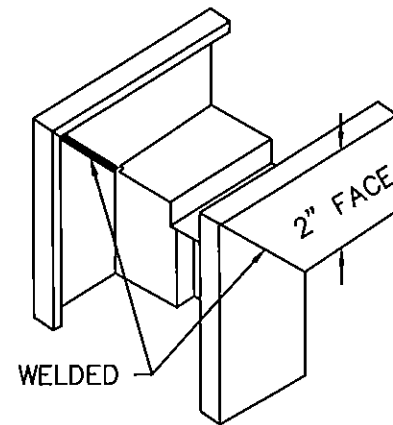
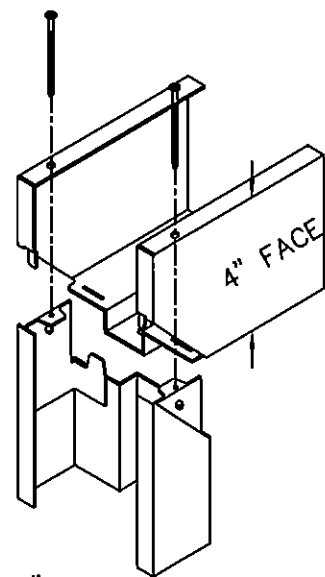
- DOOR CONSTRUCTION
  - NOMINAL DOOR THICKNESS – 1 3/4"
  - DOORS AVAILABLE IN FLAT AND EMBOSSED SURFACE MODELS (SEE TABLE.1)
  - ALL DOORS ARE FLUSH – NO LITES OR LOUVERS APPROVED
  - DOOR VIEWERS ARE PERMITTED TO BE USED IN A DOOR WITH A DESIGN RATING OF +/-75 PSF OR LESS
- FRAME CONSTRUCTION
  - NOMINAL JAMB DEPTH – 5 3/4", STOP HEIGHT – 5/8"
  - FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE (MU-SERIES) (SEE TABLE.2)
- FOR DOOR & FRAME MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 3

BEND RADIUS				SCHLAGE LOCK COMPANY, LLC 6810 HILLSDALE COURT INDIANAPOLIS, IN 46250		MANUFACTURING FACILITY: STEELCRAFT 9017 BLUE ASH ROAD CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION							
DRAWN YMF	DATE 5/01/02	DOOR AND FRAME CONFIGURATIONS AND MATERIAL SPECS. HIGH PRESSURE APPLICATIONS					
CHECKED							
APPROVED		SIZE	FLAT	DWG NO.	776W-2	REV K	
ENG. APPVL		SCALE	NTS	AUTOCAD		SHT 7 OF 9	

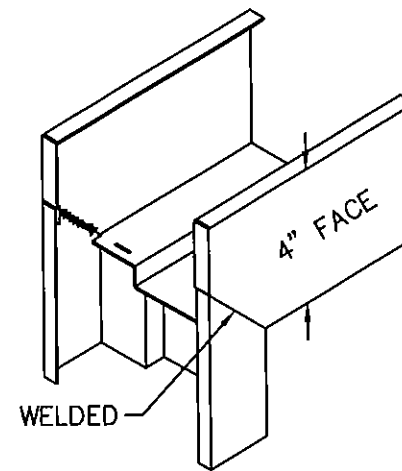
BENT TABS  
TO SECURE ASSEMBLY



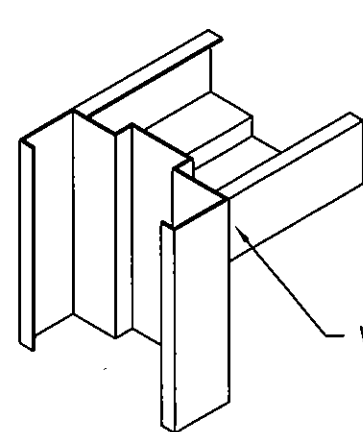
'KD'  
"KNOCKED-DOWN"  
ASSEMBLY



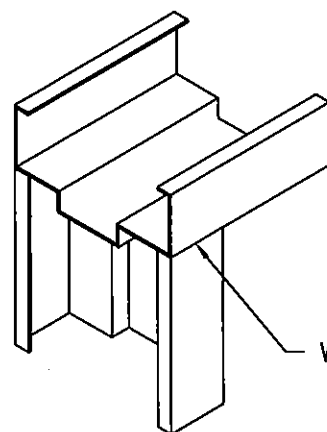
'SUA'  
SET-UP AND ARC-WELDED  
ASSEMBLY



REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	APPROVAL DWG	02/26/03	
C	REVISED FOR SUBMITTAL	07/02/04	
D	REVISED PER DC BCCO	08/31/04	
E	REVISED PER DC BCCO	01/14/10	
F	REVISED PER DC BCCO	01/07/11	
G	REVISED PER DC BCCO	01/17/12	
H	REVISED NAME	JPD 11/01/13	
J	REVISED	JPD 02/01/15	



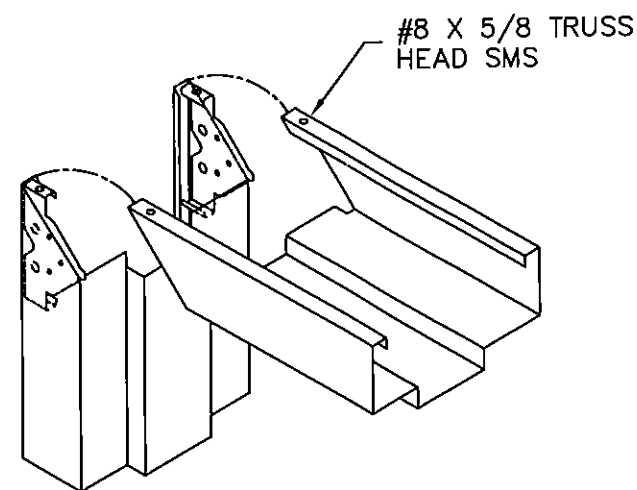
WELDED



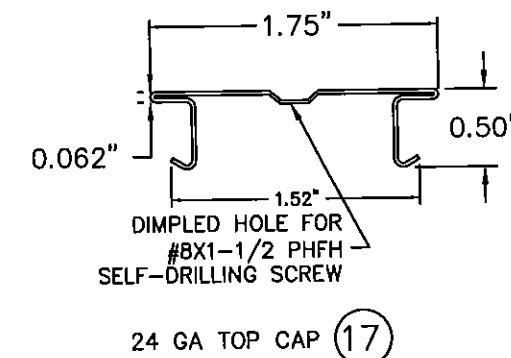
WELDED

HEAD NOTCHED  
AND BUTTED BETWEEN JAMBS

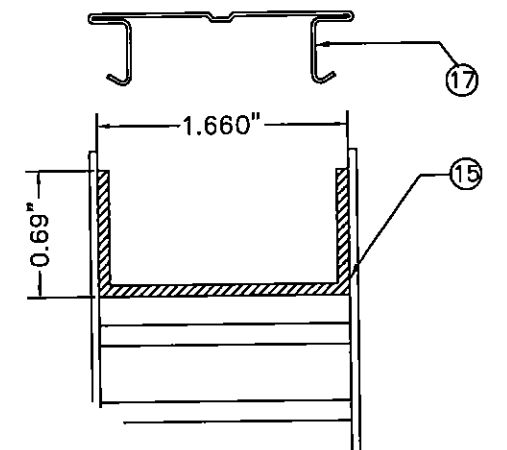
HEAD SITS ON TOP  
OF NOTCHED JAMBS



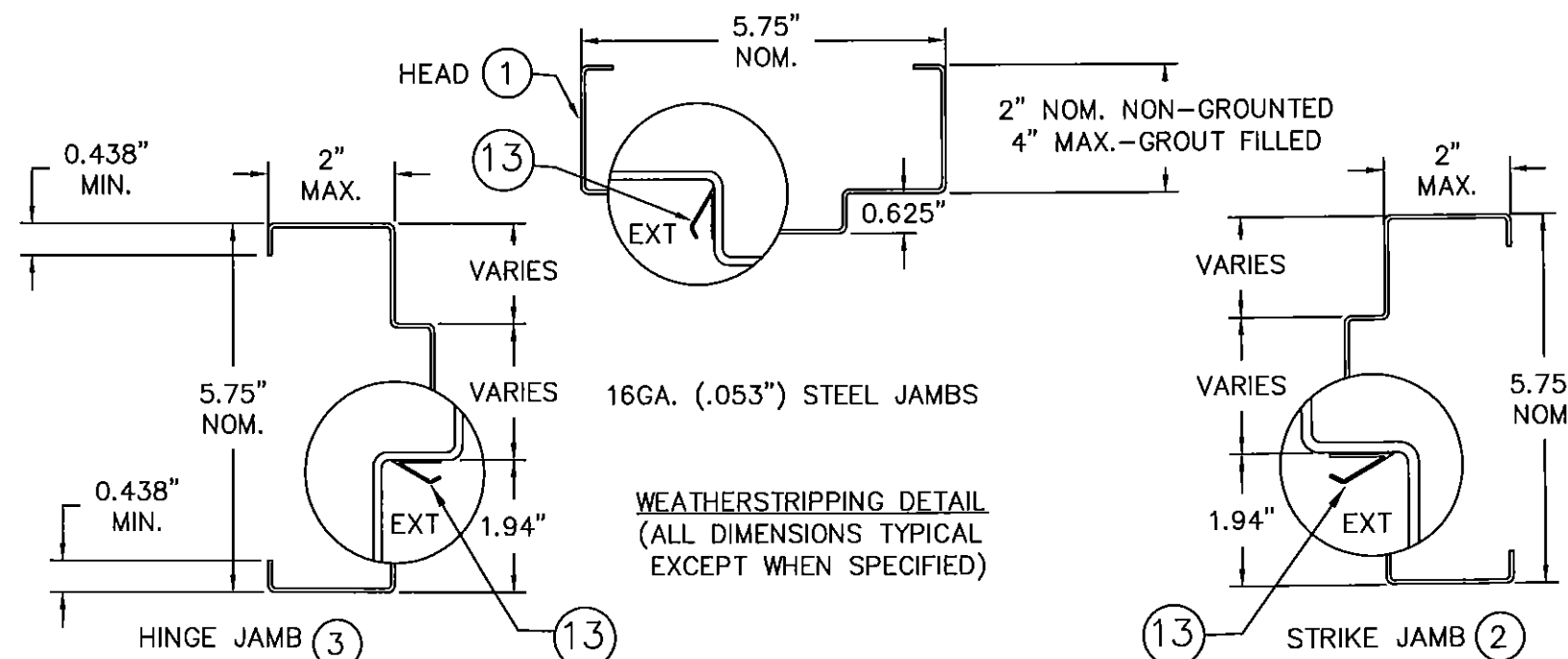
'MU'  
"MULTI-USE" SERIES  
ASSEMBLY

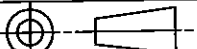


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Expiration Date 2/24/17  
By: [Signature]  
Product Control



TOP & BOTTOM CHANNEL  
L=FULL DOOR WIDTH  
14 GAGE



BEND RADIUS				SCHLAGE LOCK COMPANY, LLC		MANUFACTURING FACILITY:	
				6810 HILLSDALE COURT		STEELCRAFT	
				INDIANAPOLIS, IN 46250		9017 BLUE ASH ROAD	
						CINCINNATI, OH 45242	
THIRD ANGLE PROJECTION				TITLE: STEELCRAFT H SERIES SINGLE FLUSH OUTSWING COMMERCIAL STEEL DOOR W/ MORTISE LOCKS			
DRAWN		DATE		CORNER DETAILS AND WEATHERSTRIPPING ATTACHMENT FOR FLUSH FRAME AND MU FRAMES			
YMF		02/05/02					
CHECKED							
APPROVED				SIZE		FLAT	
				DWG NO.		776W-2	
ENG. APPVL						REV J	
		SCALE:		NTS		AUTOCAD	
						SHT 8 OF 9	

